

Development (1943) Department.

Ms SERIES.

Passed
for
31043

G.O. No.	1326
Dated	30 6 1943

[Despatch Abstract.]

Industries - Sericulture - Silk Reamers at
Kollagae - Mr. Chais note on the making
of Silk and other allied matters.
Correspondence with Govt of India.
Papers recorded.

A. K. [Signature]

1301-D/43.



DIRECTOR OF INDUSTRIES
COMMERCE,
MADRAS, 27th April 1943.

My dear Sivasankar,

3528

pp 3-7/43

I am enclosing a copy of letter dated 24th April 1943 received from Chou suggesting certain improvements both in the design of the machinery and in the type of cocoon used for producing silk in this Presidency. He suggests that you, Chou and I meet the Second Adviser to His Excellency the Governor and discuss his recommendations. I suggest that Pai ~~be~~ also present at the meeting if Government have no objection. I shall be glad to know if this suggestion meets with the approval of Government.

(In notes

Yours sincerely,

P. 29/4/43

AKM

T. Sivasankar Esq., I.C.S.,
Additional Secretary to Govt.
Development Department
Madras.

File

10/7

22/4/43
Adl sec, about
the
new

Copy of letter No. 580-SF/43 dated 24th April 1943 from Mr. Y.T. Chou, General Manager, Govt. Silk Filature, Kollegal, to the Director of Industries and Commerce, Madras.

Subject:- Industries - Govt. Silk Filature, Kollegal - Recommendations for a revision of the scheme - submitting.

I am submitting herewith my recommendations for the improvement of the Government Silk Filature, Kollegal for favour of approval and sanction.

Before discussing my proposals, I would like to invite a reference to the following communication on the Filature Expansion Scheme:-

Para (a) of telegram No. 5992, dated 3rd (received 4th) April 1942 from Retaxandum, London to G.G. Warsup, New Delhi, forwarded with Director's endorsement No. 777-D/42, dated 2nd May 1942 - extracted below:-

" (a) Silk to be produced will be reasonably up to standard of Japanese silk used for power loom weaving."

Again in the note dated 20th Feb. '43 sent to me by Mr. H.M. Patel, through the Pekin Syndicate (copy already submitted with my letter No. 368-SF/43, dated 22nd April 1943), it was mentioned that the silk to be reeled in the basins of the Govt., Silk filature, Kollegal, would be of deniers between 20 and 32 and should satisfy tests for Evenness, Cleanness, Neatness and Correctness of size. The grade produced should be at least "D".

The specification of "D" grade silk as I know it and as is known in the World Raw Silk Markets is as follows:

Average Evenness	78%
Low Evenness	66%
Average Cleanness	78%
do. Neatness	81%
Size Deviation	1.6 deniers
Winding	40 breaks.
Tenacity	3.2 grams per denier
Elongation Serigraph	18%

As you are aware, on my way to Kollegal, I visited the Bengal Govt. Silk Conditioning House at Calcutta where samples of raw silk skeins recently sent from Kollegal for tests were shown to me by Mr. B.B. Roy, Officer-in-charge. A copy of the results of the tests is given below:-

	Sample 1.	Sample 2.	Sample 3.
MAJOR GRADES:-			
Average Evenness	80	79	76
Low .do.	70	75	70
Average Cleanness	84	80	70
do. Neatness	81	80	79
AUXILIARY GRADES:-			
Size Deviation	1.38	0.93	1.35
Winding	80	119	167
Tenacity, grams per denier	2.93	3.15	2.95
Elongation Serigraph	17	22	21
Classification grade	"G"	"G"	"G"

These tables show that the silk is of very poor quality. Seeing this, I doubted very much even then, whether Kollegal would be able to produce the required quality of silk.

My doubts have been confirmed after my first arrival at Kollegal when I studied the local conditions and availability of the cocoons and when we jointly inspected the reeling machinery under manufacture at the Steel Construction Co., Ltd., Bangalore. I feel, it is my duty to report that with the type of cocoons available and machinery you

have, the production of "D" grade quality silk suitable for parachute requirements as desired by His Majesty's Government would be impracticable.

The Raw Silk Classification table is furnished below for your ready reference:

MAJOR GRADES:- (Minimum limits - No test below the following percentages)

	4A	3A	2A	A	B	C	D	E	F	G.	
Average Evenness	92	90	87	85	83	81	78	73	68	Below	68
Low Evenness	82	80	77	74	72	70	66	60	55	"	55
Average Cleanliness-											
9 to 15 Denier	93	91	90	88	86	84	82	78	74	"	74
16 to 31 "	91	89	87	85	83	81	78	74	70	"	70
Average Neatness	92	90	88	87	85	83	81	77	73	"	73

AUXILIARY GRADES:-

	a	b	c	d	e	f	g
Size deviation							
9 to 15 deniers	0.8	0.9	1.0	1.1	1.2	1.3	Above 1.3
16 to 31 "	1.1	1.2	1.4	1.5	1.6	1.8	" 1.8
Winding	a	b	c	d	e	f	
9 to 17 deniers	20	25	35	50	70	Above 70	
18 to 31 deniers	15	20	30	40	50	" 50	

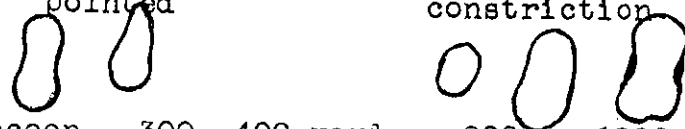
Tenacity - Grams per dr.	a.	b	c	d	e
-do-	3.5	3.4	3.3	3.2	Below 3.2

Elongation Serigraph	20	19	18	17	" 17
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AVAILABILITY OF COCOONS: The cocoons produced in the Kollegal taluk of the Madras Province are of the multivoltine variety and are reared from bush mulberry. The quality of the cocoons differs greatly from that of the univoltine and bivoltine types reared in France, Italy, Japan and Central China. The comparison is as follows:

Kollegal Cocoons.	Japanese, Central China, France and Italy.
-------------------	--

Colour	Greenish	White or yellow
Size	Small	Big
Shape	Irregular, pointed	Round or oval with constriction



Length of fibre in a cocoon -	300 -400 yards.	800 to 1000 yards.
Denier of fibre	2.0	2.8

In South China we have the same type of cocoons, also of the multivoltine type reared on bush mulberry. Silk reeled from this kind of cocoons is known to the World as "Canton Silk". I presume that the silk industry in Bengal, Mysore and Madras has its origin from South China, while Kashmir has its origin from Europe. "Canton Silks" belong to a different category of silk. They are not tested and graded as the Japan silks, China Filatures, and European silks. Most probably they will not come up to grade when the tests for Japan and China silks are applied and you can, therefore, hardly expect "D" grade silk from multivoltine cocoons. They usually fail in strength, or tenacity and other qualities. The price of Canton silk as compared with China Filatures was usually 60% lower.

Through the good efforts of the Sericultural Experts, both in Madras and Mysore, you have introduced cross breeds of white and Mysore worms and improved greatly the quality of your silk. I can assure you that the quality of silk I saw at Kollegal and Chennapatna is definitely better than what I saw in Canton in 1938 when I was Special Officer in the Foreign Trade Commission of the Chinese Government controlling silk purchasing in Canton. Nevertheless, it is still of the "G" grade, that is, not up to grade and three grades lower than "D"

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4

FILATURE MACHINERY:- For the past 15 or 20 years both Japan and China have installed a special type of filature machinery to produce high grade raw silk to meet the American requirements. It consists of Cocoon Drying Machines, Cocoon Central Boiling Machines, Minori-Kawa reeling Machines, Re-reeling Machines and Cheney Seriplane for testing and grading of raw silk. The reeling machine which was invented by Mr. Minori-Kawa and installed in the Katakura silk filatures - the World's biggest raw silk producers - and other filatures in China and Japan, enabled reelers to produce high grade even silk of "4A", "3A", "2A", and "A" grades for the woman's full fashioned hosiery trade in America. The Minori-kawa machine has 20 ~~reels~~ reels in each basin as against 6 reels in the machines here. The speed of the reels is slow so that the labourers can attend to the threads with care and produce Even and Clean Silk. The slow speed in reeling is compensated by the great increase in the number of reels in production. The Central Cocoon Boiling Machine ensures even and thorough boiling of the cocoons and silk thread can easily be pulled out from its cocoon. Silk is re-reeled to give it a good winding quality. The quality of silk is checked every minute in the filature and a definite grade of silk is produced. Adjustments are made in the selection of cocoons, speed of the reels and the care in supervision when the results of the tests are brought to the attention of the Manager. The machinery already ordered by the Madras Government for installation at the Govt Silk Filature, Kollegal do not have testing machines, Central Cocoon Boiling Machines and Re-reeling machines. The reeling basins are of the old Italian type running at very high speed and have six ends in each basin. With these machines, it is very difficult to train labour and produce high grade silk.

MY IMPRESSION OF RAW SILK SUPPLIES IN MAKING PARACHUTES IN INDIA

From the complaints I heard both at Cawnpore during my visit to the Parachute Factory and at Mysore during my recent visit to the Govt. Silk Weaving Factory, I doubt very much whether the raw silk now supplied to the weaving mills for weaving parachute fabrics is of "D" grade. The raw silk supplied is not tested and is therefore of un-known quality. In my letter to Mr. C.O. Tattersall of Ordnance Factories (copy enclosed) I suggested to him that the silk supplied to the weaving mills for weaving parachutes be samples and tested by the Bengal Govt. Silk Conditioning House and passed the "D" grade specifications; and silk not up to "D" grade rejected. Necessary steps may be taken by the Department of Supply in the near future to have all raw silks tested. I may also point out here that "G" grade silk is also needed for War purposes for ~~making~~ making bags for Cartridge filling, for light and heavy cordage, for light and heavy sewing thread and for tape in parachute manufacturing. It may be used, though I doubt, for making canopy fabrics for parachutes for equipment and supply dropping. However, I definitely don't like the idea of making canopy fabrics for man dropping parachutes out of poor quality raw silk.

MY RECOMMENDATIONS:

In order to produce high grade filature reeled silks in Madras Province to meet the parachute requirements, I recommend to revise the scheme of the Govt. Silk filature as follows:- (b) By the Installation of New Machinery and (2) by the introduction of one or two crops in a year of bivoltine species of worms from China.

The revision of the scheme should in its essence no way interfere with or delay the silk production of the Madras Silk Expansion Scheme already sanctioned by Government. 250 basins of the Steel construction Co., Bangalore should be installed as quickly as possible and labour trained to reel the cocoon production of Kollegal. In case, there are more cocoons for the 150 basins of the Kollegal Silk filatures and 250 basins of the Govt. Silk filature to handle, the 250 basins in the Govt. Silk filature should run two shifts to increase the production of silk. The Sericultural Experts should still carry on the distribution of cross breeds of white and Mysore species and increase the mulberry and cocoon production. I may also point out here that the purchase of New filature machinery may not cost more than the original estimate sanctioned by Govt. The introduction of bivoltine cocoons is a separate affair and may be treated as a part of the Sericulture Expansion Scheme.

NEW MACHINES FOR THE FILATURE:-

- (a) A Cheney Seriplane be purchased and a standard seriplane inspection room complete with horizontal and vertical reflectors and photo Evenness, Cleanness, Neatness standards' and enough boards to be installed in the silk examination room.
- (b) Central Cocoon boiling machines to be installed and cocoons to be distributed to all the basins, Italian and Minori-kawa by carts. The Central Cocoon boiling machines will incidentally save lots of labour in the filatures as cookers will be eliminated.
- (c) 250 Minori-Kawa reeling basins be designed made and installed to introduce slow speed reeling to produce clearer and more even silk.
- (d) Re-reeling machines to be installed and all silks both from Italian and Minori-Kawa machines to be re-reeled to ensure good winding quality.
- (e) Cocoon drying machines to be designed, made and installed in the filature to store cocoons and keep the filature in continuous working.

Items (b), (c), (d) can be all installed in one of the main filature buildings. It is not necessary to put up additional buildings.

INTRODUCTION OF BIVOLTINE WORMS FROM CHINA:- The bivoltine worms though they do not produce as good and strong silk as the univoltine worms, are however producing better and stronger fibre as compared with multivoltine cocoons and can stand the heat as they are reared by farmers in China during early summer when the temperature goes sometimes beyond 90°F. I have no doubt it can be introduced in the Madras Province for one or 2 crops in a year during October to February when the climate is not so very hot. If this will be successful, besides the multivoltine cocoons producing greenish weak silk all the year round, we will have a crop of bivoltine cocoons producing white and strong raw silk. There is no question that "D" grade silk for parachute requirements can be reeled from these cocoons. Chinese Sericultural Experts educated in Japan who are well-versed in the rearing of bi-voltine species of silkworms can be secured from China to execute the special work planned. My experience as Director of the Sericultural Improvement Station in Chekiang Province in 1932 will enable me to direct such an undertaking.

When my scheme is successfully carried out and on the condition that there are enough cocoons in Kollegal taluk, then, instead of 150,000 lbs. of poor quality, probably all "G" grade raw silk, we hope to produce in the Govt. Silk filature in Kollegal in the first year, the following qualities of raw silk:-

"B" grade	5 %	7,500 lbs.)	20% white
"C" "	5 %	7,500 ")	silk
"D" "	10 %	15,000 ")	bivoltine.

"D" grade	20 %	30,000 lbs.)	
"E" "	10 %	15,000 ")	80% greenish
"F" "	10 %	15,000 ")	silk, multi-
"G" "	40 %	60,000 ")	voltine.

Total 1,50,000 lbs. The quantity of white silk can be increased in the years following up to 50% of the total production of silk in Kollegal.

I sincerely hope that my recommendations are clear and will be accepted by Government in toto in the interests of producing high grade filature reeled silks to meet the parachute requirements in Madras Province. Since I have taken only one year's leave, my stay in India is for a period of less than year. It would, therefore, give me the greatest pleasure to see the filature in working condition as soon as possible producing the quality of silk ("D" grade) required by His Majesty's Government. To accomplish this, I feel that my recommendations should be given effect to at once so that I can take up the work on hand immediately without any loss of precious time. I also feel that it would hasten matters if a joint discussion between Sir Hugh Hood, yourself, Mr. Shivasankar and myself is held

-d-

immediately at Madras when I could personally explain my proposals, get them approved and commence work in anticipation of formal sanction ~~from Government~~ from Government. At the latest, I expect my recommendations to be approved in a month's time, since I have sacrificed my services to my country, where I could produce high grade filature reeled silks to meet the parachute requirements of the Chinese Air Force, for the sake of India.

As for my experience in the line, I may state that I have always been producing "3A", "2A", "A" and "B" grades of raw silk for the past 18 years, and my past experiences in the silk industry are as follows:-

B.S. in Engineering Administration, M.I.T. (Massachusetts) Institute of Technology, Cambridge, Mass, U.S.A. 1922);

Silk Testing Engineer in International Silk Testing House of U.S. Testing Co., in Shanghai;

Silk Expert, Kiangse Provincial Government, Nanking, China;

Silk Expert, China National Reconstruction Commission, Nanking;

Manager, Hangchow Silk Filature, Hangchow, Producer of "Purple Dragon" chop "2A" grade raw silk;

Director, Sericultural Improvement Station, Hangchow;

Manager and Owner, Wei Lun Silk Filature, Hangchow, producer of "Jade Pagoda" chop "3A" grade raw silk;

Special Silk Officer, Foreign Trade Commission, Canton;

General Manager, Yunnan Silk Manufacturing Co., Kuming, Manufacturer of raw silk for London Supply Department and Parachute Canopy fabrics for Chinese Aviation Commission;

If my recommendations are accepted, detailed plans, estimates of costs, staff and labour training schemes will be submitted within two weeks of the approval of my recommendations, in principle. In case my recommendations are rejected, I sincerely wish that I may be sent back to China immediately.

Copy of letter dated Calcutta, 8th April 1943 from Mr. Y.T. Chou, to Mr. C.O. Tattersall, O.B.E., Director, Ordnance Laboratories, P.O. Box No. 127, Cawnpore.

In ~~xxx~~ accordance with your request I have the pleasure ~~xx~~ of submitting the following report to you:-

M I visited the Bengal Government Silk Conditioning House, 165 B, Park Street, yesterday morning together with Capt. Somerville, and found that the Silk Conditioning House is in a position to test and grade raw silk according to the methods generally adopted by the silk buyers in the New York and London markets. It has up-to-date equipment, that is, the Seriplane Machine, the photographic standards for evenness, cleanness and neatness and the personnel to carry on the work. Both Mr. C.C. Ghosh, Special Silk Officer of the Government of India and Mr. B.B. Roy, Officer-in-charge of the Conditioning House, know silk testing well. With improvements in the inspection room, with more testing machines and after more staff are trained, I have no doubt that the Bengal Conditioning House will be in a position to handle the testing work for the whole silk production of India.

In my opinion if all the raw silk which is supplied

to the weaving mills for weaving Parachute Fabrics is sampled, tested and passed the "D" grade specifications and silk not up to "D" grade rejected, the problems in the weaving mills having contracts with you and the inspection work in your Parachute Factory will be much simpler. You will have more uniform fabrics and less rejections of woven cloth in the Parachute Factory as a result of using uniform raw material in weaving.

Thank you and Mr. Russell for all the kindness you have shown me in Cawnpore.

A.N.-28-4.

D.O.No. 8928-57/43 dt 29-4-43 9

Development Department,
Fort St. George, Madras,
29th April 1943.

My dear Khaleeli,

With reference to your D.O.
letter No.1301D/43 dated the 27th
April 1943 enclosing a copy of
Chou's letter, I am to ask you
to inform Mr. Chou that the Second
Adviser to His Excellency the
Governor will discuss ^{with him} the scheme
outlined in his letter at Kollegal.

Yours sincerely, 6

9/2

29/4/43

A. Khaleeli Esq., I.C.S.,
Director of Industries & Commerce,
Chepauk, Madras.

Out to
29/4/43

To Adm U.S.

Please see M on p 10 above.

No tour programme of A2 re:
proposed visit to Kollegal has
so far been received. For ~~consideration~~

Whether the case will be Circulated
~~for orders~~ to A2 for orders.

WSP
5/5/43

5/5/43. Ad. S.

WSP/relm.

5/5/43

To Adm U.S.

M on p 9 above & orders
on this notes above: For orders

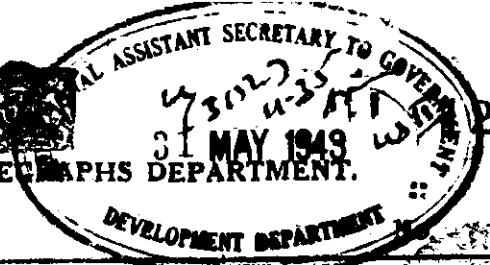
Whether this case may be kept
pending till A2's visit to
Kollegal next ~~session~~ it may
be ~~considered~~ ~~by~~ ~~the~~ ~~Adm.~~

WSP
14/5/43 14/5/43

we may. 14/5/43
Ad. S.

8. 31/5/43

8K

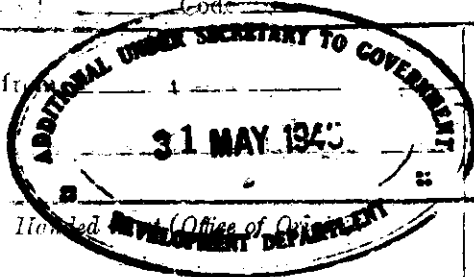


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INDIAN POSTS AND TELEGRAPHS DEPARTMENT.

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			To				
			By				
Handled (Office of Origin)			Date.	Hour.	Minute.	Service Instructions.	Words.



TO	Recd. here at	H.	M.
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X YF NEW DELHI 29 STE 129 SECY DEVELOPMENT DEPTT MADRAS

SY -/- TX -62(106) SUBJECT KOLLÉGAL SILK FILATURE SCHEME

STOP WE ARE GREATLY CONCERNED AT CHOUS REPORT DATED, TWENTYFOURTH APRIL WITH SPECIAL REFERENCE TO GRADE OF SILK LIKELY TO BE PRODUCED IN KOLLÉGAL FILATURE AS OUR UNDERTAKING

INDIAN POSTS AND TELEGRAPHS DEPARTMENT

Notice	31 MAY 1943	Charges to pay.				
		Rs.	As.			
Must accompany any inquiry made respecting this telegram		Office Stamp, 31 MAY 43				
Office of Origin)	Date.	Hour.	Minute.	Service Instructions.	Words.	
				Recd. here at	H.	M.

TO HMG IS FOR D GRADE SILK STOP IN VIEW OF IMPORTANCE OF MATTER PROPOSE ((50)) DISCUSS WHOLE POSITION WITH CHOU AND REPRESENTATIVE MADRAS GOVT ON ANY DATE SUITABLE TO YOU WITHIN TEN DAYS STOP PLEASE NOTIFY DATE OF ARRIVAL AS WE ARE GETTING GHOSH ALSO FROM BENGAL FOR SAME CONFERENCE STOP FOR GHOSH ONLY PLEASE HOLD YOURSELF IN READINESS FOR COMING DELHI ON DATE TO



INDIAN POSTS AND TELEGRAPHS DEPARTMENT.

G. Class

Code

No.

Recd. from

Sent at H. M.

By

To

By



Handed in at (Office of Origin)

Date Hour Minute

Service Instructions

Words

TO

Recd. here at

H.

M.

BE NOTIFIED BY MADRAS AND APPROVED BY US STOP PLEASE
CONSULT MITTER STOP REPEATING TELEGRAM TO CHOU KOLEGAL AND
GHOSH CALCUTA = WARSUP

*DI wire also
11-15
ab*

Endt. 100 8928. 25/43 + d 31-5-43

Referred to the D.C. for immediate remarks.

31/5/43

N. B.—The name of the Sender, if telegraphed, should be written after, but separated from the text.

To the D.C. 31/5/43

Sp at once here

Development Dept.

D.O.No.8928-D1/43² dated 1-6-43

10

Sub:- Industries-Sericulture-Silk filatures at
Kollegal-Chou's note on the quality of silk
and other allied matters.

I am to invite a reference to Govt.

p 15 cf.
pp 11-15 cf.

end:-No.8928-D1/43-1 dated the 31st May 1943 communi-
cating copy of telegram from the Govt. of India on the
subject mentioned above and to confirm the telephonic
conversation today that the Second Adviser to H.E.
desires that a conference be convened in the Secretariat
Fort St. George at 11.30 A.M on 5th June 1943 to the
discuss the subject. I am to request that ^{as mentioned above} you may
wire at once to Messrs.Chou and Peychaud to be present
here ^{at} for the conference on the 5th. The myore goat are

being moved to depute
Mr. Gowinda Rao to
attend the conference, if
possible.

A short note on the rearing of foreign
varieties of silk worms in this province and the
results achieved so far should ^{may have} be sent ^{imply} at once for

[Handwritten mark]
the Adviser's ~~reference~~ use at the Conference.

Y.S

17.

[Handwritten signature]
1/6/43

To

[Handwritten signature]
1/6
A.Khalileli Esq. I.C.

D.I.& C

[Handwritten signature]
1.6.43 16.43

800 AM 7:45 PM.
16.43.

Home Resident in Mysore
Bangalore

In sent - 7
Tos - 10
PC sent 16/4/43

900 AM
16.43.
16.43.

Madras Port Commission Conference in Bangalore
Tues St Paul 5th June 11.30 AM &
Consider production of bill for H M A Bp
H M A Bp would be grateful if
Mysore Port is requested to Depute
Sorinda Rao their bill expert & attend Bp
In view of urgency request being made
Direct to Mysore Port.

16/4/43

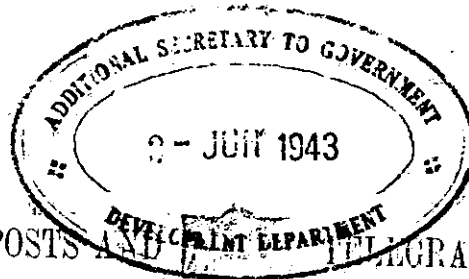
Chief Clerk to the Govt Mysore
Bangalore

Madras Port Commission Conference in
Bangalore Tues St Paul 5th June 11.30 AM &
Consider production of DRAFT bill ^{from all goods} reported but
~~for the day~~ ~~Chou Chinese expert~~ Bp Chou
Chinese expert

Madras Port perturbed at Chou's
Report from Chou, Chinese expert, that production
of DRAFT bill from local goods unlikely Bp.
Calling Conference in Bangalore Tues St Paul
5th June 11.30 AM Bp would be grateful
if Sorinda Rao your bill expert is
deputed & attend. Bp

16/4/43

Ad. S.
2/6/43



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19



INDIAN POSTS AND TELEGRAPHS DEPARTMENT

C.

OFFICE		Cl. s to	Office
Form to accompany any inquiry made respecting this telegram		AS.	2 JUN. 43
Handed in at (Office of Origin)	Date	Hour Minute	Service Instructions
			Words

TO
X O MYSORE REPRESENTATIVE ASSEMBLY THROUGH BANGALORE 2
DEVMENT MADRAS =

= GOCINDARAO SPECIAL OFFICER DEPUTED ATTEND CONFERENCE FI

CHIEF SECY =

for perusal

Dev. sect

2/6/43

2/6/43

2/6/43

N.B.—The name of the Sender, if telegraphed is written after the text.
—Eden Press, Calcutta—No. 375 (5170/B-241)—12-2-42—1,50,000 Pkts

12 ✓

2

Development Department.

No. 8928 D/43-3

From

T. Sivasankar Esq., I.C.S.,
Additional Secretary to the Government of Madras.

To

The Chief Secretary to the Government of Mysore,
B a n g a l o r e.

Dated Fort St. George, the 1st June 1943.

Sir,

Industries - Sericulture - Silk filatures at
Kollegal - Chou's note on the quality of silk
and other allied matters. - Conference -

I am directed to state that Mr. Chou, the Chinese Silk Expert who is now in Kollegal has stated that D grade silk is not likely to be produced from local cocoons. The Government of Madras are greatly perturbed at this report and propose to discuss the whole position at a conference of silk experts including Mr. Chou. I am to state that the Government of Madras will be grateful if Mr. Govinda Rao, Sericultural Expert with the Government of Mysore is deputed to attend the conference which will be held in the Secretariat, Fort St. George at 11-30 A.M. on 5th June 1943.

Your obedient servant,

S. Sivasankar

Additional Secretary to Govt.

27

*Doc
216*

PRN-1.6.43.

Development Department.
No. 8928/43-4

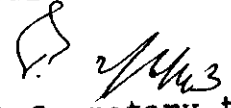
From T. Sivasankar Esq., I.C.S.,
Additional Secretary to the Government of Madras.
To The Hon'ble Resident in Mysore,
B a n g a l o r e.

Dated Fort St. George, the 1st June 1943.

Sir,
Industries - Sericulture - Silk Filatures at
Kollegal - Chou's note on the quality of silk and
other allied matters.- Conference -

In continuation of my telegram dated 1st June 1943
I am to enclose a copy of the letter addressed to the Mysore
Government.

Your obedient servant,


Additional Secretary to Govt.

PRN- 1.6.43.

Depd. B
7/6/43

12✓

Development Department.

No. 8928 D/43-3

From

T.Sivasankar Esq., I.C.S.,

Additional Secretary to the Government of Madras.

To

The Chief Secretary to the Government of Mysore,
B a n g a l o r e.

Dated Fort St. George, the 1st June 1943.

Sir,

Industries - Sericulture - Silk filatures at
Kollegal - Chou's note on the quality of silk
and other allied matters. - Conference -

I am directed to state that Mr. Chou, the Chinese Silk Expert who is now in Kollegal has stated that D grade silk is not likely to be produced from local cocoons. The Government of Madras are greatly perturbed at this report and propose to discuss the whole position at a conference of silk experts including Mr. Chou. I am to state that the Government of Madras will be grateful if Mr. Govinda Rao, Sericultural Expert with the Government of Mysore is deputed to attend the conference which will be held in the Secretariat, Fort St. George at 11-30 A.M. on 5th June 1943.

Your obedient servant,

S. Sivasankar

Additional Secretary to Govt.

Done
PRN-1.6.43.

D.O.

Director of Industries and Commerce,
Madras, 4th June 1943.

My dear Sivasankar

Subject: Industries - Sericultural Industry

Reference: Your D.O.No.8928-D-I/43-2 dated 1st June 1943.

I have for the past two days been browsing through such reports on the sericultural industry as I could lay my hands upon. The most important of these reports are:

(i) Bulletins of the Agricultural Research Institute, Pusa, on

(a) Instructions for rearing Mulberry Silk Worms
by M.N.De;

(b) How to improve Silk-Reeling in Bengal
by M.N.De;

(c) First Report on the Experiments carried out at Pusa to improve the Mulberry Silk Industry, Compiled under the direction of the Imperial Entomologist by M.N.De;

(ii) Report on an enquiry into the Silk Industry in India by H. Maxwell-Lefroy, Imperial Silk Specialist and E.C. Ansorge, I.C.S., 1917 (3 volumes)

(iii) Reports of the Indian Tariff Board regarding the grant of Protection to the Sericultural Industry, 1934 and 1940;

(iv) Report of the First All-India Sericultural Conference held at Bangalore, December 1939,

At the
has been
the
attached
M.N.D.

For personal

S
4/6/43

Report of the Second All India Sericultural Conference,
Lucknow, December 1940; and

- (v) the reports of the progress of the schemes sanctioned
under the subvention given by the Government of India
from 1937 onwards.

There is also a long note by Achaya sent to Government by Green
in June 1939 with his letter No.3-D/37, dated 12-6-1939, which gives
a short history of the attempts made in Madras Presidency to prepare
white cocoons from imported univoltine and bivoltine seed.

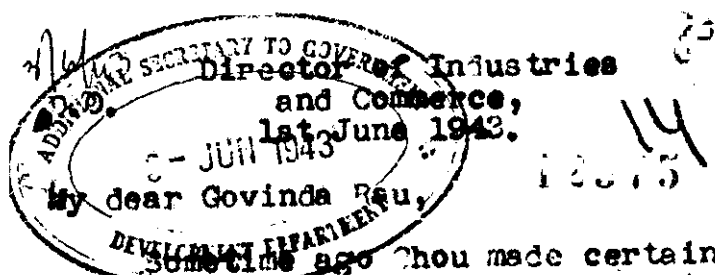
There is another batch of notes mostly from the pen of Mysoreans.
They are papers submitted to the First All India Sericultural Conference
held in December 1939. I invite attention specially to the note on the
introduction of cross breed silk worms in Mysore. I enclose these for
your information.

I am also enclosing a very short note on the rearing of foreign
varieties of silk worm in this Presidency.

Yours sincerely,



T. Sivasankar, Esq., I.C.S.,
Additional Secretary to Government,
Development Department.



My dear Govinda Rau,

Sometime ago thou made certain proposals to the Madras Government for rearing bi-voltine cocoons. The Madras Government have been considering his proposals. In the meanwhile, the Government of India have interested themselves, quite naturally, in the matter and have suggested a Conference at New Delhi in the very near future. Before this conference takes place it is desirable to examine the possibilities of taking action on the lines suggested by Chou in some detail. I need hardly say that your knowledge and experience would prove of inestimable value in this connexion. It has been suggested that a conference should take place at Madras at 11.30 A.M. on the 5th of June 1943 in the room of Sir Hugh Hood, Second Advisor to His Excellency the Governor, at which you, Chou, Peychaud, Sivasekhar and I, should be present. Unfortunately Pai would not be able to attend as he is away on casual leave. All such information as you can possibly give on the attempt made in Mysore to rear white races

A SHORT NOTE ON THE REARING OF FOREIGN VARIETIES OF SILK WORMS
IN THE MADRAS PRESIDENCY.

Foreign races of worms, both uni-voltine and bi-voltine, have been reared successfully in several areas in India including the Madras Presidency. In certain areas like Kashmir where there is no indigenous race of silk worms, seed of uni-voltine and bi-voltine races is imported from France, Italy and other countries, with the result that the only race that now obtains in Kashmir is the uni-voltine race. In Madras and Mysore, there has always been a sturdy indigenous race of worms known as the Mysore race. Attempts at improving the race by selection and cellular seed manufacture have been carried on for a number of years and, thanks to the subvention from the Government of India given first in 1935, a large proportion of the seed requirements of both Madras and Mysore rearers is being met from Governmental farms and aided grainages. Till 1939 the seed generally distributed was pure Mysore seed but in that year, thanks again to financial help from the Government of India, another scheme was initiated with the object of supplying to the rearers cross breed seed which had shown itself to be superior to pure Mysore seed. This seed is produced by crossing the Mysore female moth with an uni-voltine or bi-voltine foreign male moth.

The experience which Madras has of rearing foreign worms is limited. Attempts have been made since 1923-24 by the Department to rear uni-voltine and bi-voltine worms by obtaining small quantities of seed from Japan, China, Italy and France and sometimes from Kashmir. The seed so obtained has been used for rearing white cocoons for further propagation of white races required mostly in connection with cross breed work. Seed so prepared is distributed to Government Silk Farms established at Thadaguni, Hosur, Palamaner and Coonoor and also to select rearers who have shown a capacity to successfully rear foreign races. I give below the number of white seed cocoons harvested at the different farms and also the number of cross breed layings prepared and distributed by the Department in the last few years.

Year.	White seed cocoons harvested.	Cross breed layings prepared and distributed.
1935-36		12,586 layings.
36-37		75,000 "
37-38		1,86,893 "
38-39	19,94,000	3,94,127 "
39-40	20,88,863	9,56,581 "
40-41	13,66,279	16,02,409 "
41-42	15,60,257	

It is clear that the present structure of cross breed work is the outcome of several successful attempts at rearing of foreign uni-voltine and bi-voltine races conducted over a period of years in this Presidency.

It must not be imagined that conditions at the Government Silk Farms have been ideal for this purpose. As a matter of fact, the reverse is nearer the truth judging from what I saw at Hosur. The rearing houses are ill-ventilated places situated in a busy locality with the main road on one side and the bazaar on the other. Further, if the dread disease of pebrine should break out -- and it does generally -- there is no other place to which healthy worms can be transferred. I have recently permitted the Assistant Sericultural Expert to rent additional accommodation away from the present building for this purpose. Further, facilities for rearing of worms such as cold storage have been non-existent except in Kollegal.

18/23
Development Department.

Telegram No. 8928DI/43 d/ 6th June 43.

To

Warsup,
New Delhi.

1800
181
5643
Your telegram SY-7-TX-62(106) dated twentyninth
May Madras Government sending Peychaud for dis-
cussion stop Peychaud arriving New Delhi thirteenth
May for discussion on fourteenth stop Presume
fourteenth May suits you stop Please arrange
accommodation for ~~Chen~~ Peychaud S. H. B. Another Telegram
will follow regarding Chen.

Devment.

S. H. B.
5/6/43

Now can I say that Madras has drawn at all upon the experience which Mysore has gathered over a period of years ~~in the~~ both in the matter of refrigeration of silk worm seeds and hybridization. The sooner a liaison is established the better. I propose deputing the Pathology Assistant at Kollegal, who has some good work to his credit, to ~~visit~~ Mysore farms to obtain first hand information in all matters connected with the successful rearing of foreign races.

It is clear that no large scale attempts have so far been made in Madras to rear white races, uni-voltine or bi-voltine. That caution should be the watchword of every sericulturist in the matter of introducing foreign races hardly needs emphasis. But with caution progress should be linked up. And no progress is possible unless experiments are conducted under fairly reasonable conditions. I suggest that small scale experiments in rearing bi-voltine races from China both for producing cellular and industrial seed be undertaken under the direction of a qualified officer.

A. N. S.
Director of Industries and Commerce.

Pl. 17/12/43

Expend

Telegram no 8928 D, 1/43 d 7643

To Warsaw, New Delhi / Ppd

Chow arriving New Delhi 13th for
discussion on 14th Please ~~arrange~~
arrange accommodation

P.C. to 20/12/43
Ppd
Ppd

2643

Devonport

8/7/43

127557437

6257

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

General and Revenue Secretariat.

No. 88047/Ser 158-42 Dated Bangalore, ... 5th June 1943.

FROM

Chief
The Secretary to Government of His Highness
the Maharaja of Mysore,
General Department

To

The Additional Secretary to the Government of Madras,
Development Department, Madras.

Sir,

Sub:-Industries-Sericulture-Silk Filatures at
Kollegal- Mr.Chou's note on the quality
of Silk and other allied matters-Conference.

With reference to your letter No.89 28 D/43-3 dated
1st June 1943 on the above subject, I am directed to confirm
the marginally noted
Govinda Rao Special Officer deputed telegram sent to
attend Conference fifth Devment, Madras, on 2nd
June 1943 permitting
CHIEFSECY Mr. Govinda Rao, Special
Expansion Scheme to attend the Conference in the Secretariat
Fort St George, Madras, at 11-30 A.M. on 5th June 1943.

Des-Sept

I have the honour to be,

No action. May be added
to connected papers. (marginally noted)
Your most obedient servant,

Chief Secretary to Government

86.43

S. 4/100
E/100;

DEPARTMENT OF SERICULTURE.

Office of the Special Officer,
Filature Expansion Scheme,
United India Buildings,
Bengalore City, 2nd June 1943.

My dear Mr. Shivasankar,

As desired in your telegram to the Chief Secretary to the Government of Mysore, I have been permitted to attend the meeting to be held on 5th instant in the room of Sir Hugh Hood. I am leaving this on Friday night by mail train. While in Madras, I propose putting-up with Mr. S. B. Shankar Rao of Messrs. Best and Co.

Yours sincerely,

H. J. Purcell

T. Shivasankar, Esq., I.C.S.,
Joint Secretary to the Government of Madras,
Development Department, Madras.

HSG-287.

30

Pl. in
at once

Sec. Dept.

S.O. No. 8928 I/43-3-d 4643.

() For Mr. P. V. Rao

Sub Industries Section - production of silk
for war purposes - Conference on 5.6.43

Pl. above Ref Your S.O. No E 1007 d. 2.6.43

I am to enclose a
Temporary Special Permit to enable you to enter
the Port of George to attend the conference in the
Secretariat on the 5th June 1943.

(Y.S.)

4/6/43

Recd. 4/6/43

To Sri H.S. Ponnada Rao
(Special Officer, Silk Expansion Scheme, Mysore)

C/o Sri S. B. Shankar Rao
Messrs. Best & Co.

Madr

Please send this to
the residence of Sri S.B.
Shankar Rao
No 8, Second Street
Sail Colony, Egmore

W. de. in Ser today
12/5/43
DP - *Sept 2*
only
12/5

Development Department.

Letter No. 8928 D/43-8 d/ 12.6.43

To

The Secretary to the Government of India,
Department of Supply,
New Delhi. *23*

Sir,

Industries - Sericulture - Silk filatures at
Kollegal - Chou's note on the quality of silk

I am directed to invite your attention to Mr. Chou's letter No.580-SF-43 dated 24-4-1943, a copy of which appears to have been received by you direct and to your telegram No.SY-1-TX-62 (106) dated 29th May 1943 in which you expressed concern at the point made in his report that D.grade silk cannot be produced from multivoltine cocoons. The points raised by Mr. Chou and the recommendations made by him for producing high grade filature reeled silk to meet parachute requirements were considered by Government at a Conference consisting among others of Messrs. Y.T. Chou, Peychaud, and Govinda Rao (Sericultural Expert, Mysore). A copy of the minute of discussions at the conference is enclosed.

2. The statement of Mr. Chou that 'D' grade silk cannot be produced from multivoltine cocoons is based on a few isolated tests conducted on samples of silk sent from Kollegal and cannot be regarded as conclusive, especially in view of the fact that fairly large quantities of silk fabrics produced out of multivoltine silk by Mysore have been accepted after test as being suitable for parachutes. Even the scheme outlined by Mr.Chou envisages the production of some 30,000 lbs. of D grade silk from multivoltine cocoons.

3. The Government of Madras observe that the suggestion to introduce bi-voltine species to improve the quality of silk is not entirely new. Experiments conducted in Mysore over a period of 20 years have shown that uni-voltines and bi-voltines which produce good

cocoons in temperate climates fail to produce equally good cocoons when reared in the plains in South India. They are highly susceptible to pebrine and it has been found difficult to induce even selected rearers in Mysore to rear these species. In view of the difficulties experienced in the past, the Government of Madras consider that it is ^a sounder policy to concentrate on improving the quality of silk from cross bred cocoons to which the rearers are accustomed and that the suggestion to produce silk from bi-voltines is impracticable in the conditions obtaining here and should be ruled out.

4. The Government of Madras are generally in agreement with Mr. Chou in regard to the installation of modern machinery to improve the quality of silk. They will take steps to give effect to his recommendations in this regard as far as practicable.

Y.O.S.

S. J. 4/4

MINUTES OF THE DISCUSSIONS AT THE CONFERENCE HELD IN THE
FORT ST. GEORGE ON 5TH JUNE 1943 TO CONSIDER MR. CHOU'S
RECOMMENDATIONS TO PRODUCE 'D' GRADE SILK.

P r e s e n t.

Sir Hugh Hood, K.C.I.E., C.S.I., I.C.S., Second Adviser to
H.E. the Governor.

Mr. A. Khaleeli, Director of Industries & Commerce.

Mr. Y.T. Chou.

Mr. Peychaud

Mr. Govinda Rao, Sericultural Expert, Mysore.

Mr. Ramachandra Rao, Assistant Sericultural Expert, Madras.

Mr. T. Sivasankar, Additional Secretary to Government,
Development Department.

The Conference considered that as ^{the} samples of silk pro-
duced at Kollegal were not sent systematically to Calcutta, ^{for test} the
results of the isolated tests should not be regarded as conclusive,
especially in view of the fact that large quantities of ~~parachute~~
cloth produced out of multi-voltine cocoons by Mysore had been
accepted as suitable for parachute fabrics.

The Conference then ~~proceeded~~ ^{ed} to consider the following
recommendations made by Mr. Chou for producing high grade
filature reeled silk to meet parachute requirements:-

(I) Introduction of Bi-voltine species.

(II) Installation of modern machinery.

(I.) Introduction of Bi-voltine species. It was pointed out
that as Bi-voltines gave only two crops in a year against 3 or
more obtainable from multivoltines, the introduction of Bi-
voltines even if feasible would have to be accompanied by a
considerable increase in the area under mulberry to produce the
same quantity of silk. The Department of Sericulture in Mysore
even now maintained univoltine and Bi-voltine species for seed
purposes and distributed them free to selected rearers. Uni-
voltines and Bi-voltines which produced ^{for} cocoons in temperate
countries like Italy and Japan and at higher elevations ^{at like}
Biligirirangan Hills in ^{Mysore} South India did not produce ^{Quality} good cocoons
when reared in the plains. They were susceptible to disease and
did not produce in the plains the same quantity of silk as cross
bred cocoons. The Mysore rearers ^{fought} ~~fought~~ shy of Uni and

Mr. Peychaud
expressed dissatisfaction
with the results of
the tests at
Kollegal with as
expert as the
Calcutta Centre
House

bi-voltines and it had been found difficult to induce even selected
rearsers/rear these species^{to}. The pure seeds^{imported from abroad} supplied direct from
the hills were even more susceptible to disease than those reared
in the plains. The difficulties in regard to the rearing of univoltines
were even more serious and Mr. Chou agreed that uni-voltines were out
of the question under^{South} Indian conditions.

The Conference observed that Mr. Chou's suggestion was not
entirely new and that it had been under the examination of the
Mysore Government for over 20 years. In view of the difficulties
experienced, not the^{least}/serious of which being the high degree of
susceptibility of the foreign species to pebrine, the Conference
resolved that the suggestion should be ruled out.

(II). Installation of modern machinery.

Minori-kawa system of reeling; Doubts were expressed
whether 20 ends could be worked with multivoltine cocoons whose
length of fibre ranged from 300 to 400 yards against 800-1000
yards of Bi-voltines. Mr. Chou agreed that there were difficulties
but pointed out that his suggestion to introduce the Minori-kawa
reeling system was linked up with his recommendation to introduce
Bi-voltines.

Re-reeling machinery. It was agreed that re-reeling was
desirable as it tended to remove certain defects in the thread and
generally improved the quality of the silk

Cheney Seriplane. Mr. Peychaud said that an order had
already been placed for a Cheney Seriplane for the Conditioning

House, Bangalore which would also test silk manufactured at
Kollegal. *It is desirable to have one for Kollegal & Mysore will be
made in regard to*

Central Boiling Machine. It was generally agreed that
it would be a great advantage if a Central Boiling machine was
installed for cooking cocoons.

Cocoon Drying Machines. The Conference agreed that these
machines were necessary.

1/16/6.

Letter No 8928 D. 143-10, 16/6/43

Dec. Sept 1943

To The Chief Secy to the Govt of Mysore
Bangalore 18/6/43

Sir, Sub. Industries - Sericulture - Silk
Filatures at Kollegal - Mr Chou's
note on the Quality of Silk and
other allied matters - Conference

p 27 cf.

Ref. Your letter No D. 8047/seri
158-42 dated 5.6.43

[Pl see the interim letter in
the C.S. Mysore at p 32 cf.]

I am directed

to forward for the information of
pp 35-36 cf. the Govt of Mysore, a copy of
the proceedings of the Conference

46

Held at the Secretariat Fort St George

on 5-6-43 which was attended by
the ^{Officer Silva,} Special, Expenditure Expansion

Scheme Mysore. and to thank you for permitting the Special Officer
to attend the meeting. Conference (Y. O. S.

15/6/43. 8.16/6/43

1020
14,643 14643

P1

	33-36	2
	<u>17/6</u>	encl
dsv		
	<u>8</u>	<u>17</u>
	2/12/16	8

Memo No 8928² 1/43-9 d 16643

A copy of the proceedings of the Conference held at the Secretariat on 5-6-43 to consider the note of Mr. Chan on the improvement of the quality of silk produced in this province is forwarded to the D.I.G. He is requested to ~~advice the Government~~ ^{take necessary steps} ~~to give effect to~~ ^{to be the effect is hereby requested} the conclusions of the Conference in respect of the installation of modern machinery in the

18

working of the Silk Filatures at Kollegal
and to submit proposals for the
consideration.
Sarsani of the Govt regarding the fabrication or
purchase of any additional machinery A B & C or by
in that connection, necessary for giving
effect to the conclusion.

14.6243 14643

15/6/53. P. 16/6/53

To the D. I. Sec.
18/6/53

P T U

to 10/6/43
E. 1127.



P. 4
15350

Mr. M. S. Govinda Rao, B.A.

Office of the Special Officer,
Silk Filature Expansion Scheme,
United India Building,
Bangalore City, 8th June 1943.

V

My dear Mr. Sivasankar,

I thank you very much for all your kindness during my visit to Madras.

I believe you have drawn up the Proceedings of the Conference we had in Sir Hugh Hood's room on 5th instant. I shall be obliged if you can send me a copy of the Proceedings for my information.

Yours sincerely,

M. S. Govinda Rao

T. Sivasankar, Esq., I. C. S.,
Joint Secretary,
Development Department,
Government of Madras,
M A D R A S.

RJV)
18/6/43

32
D.O.No.

8418-2143

Development Department,
Fort St. George, Madras,
10th June 1943.

My dear Vedavyasacharya,

I am to thank the Government
of Mysore for sending Mr.H.S.Govinda
Rao to attend the conference con-
vened by this Government on the 5th
instant.

Yours sincerely,

✓
Sri/Vedavyasacharya,
Chief Secretary to the Government
of Mysore,
Bangalore.

8418-2143
10/6/43

153.0 A-1/43
25642

Mr. Wehaka 4.
by 120 4/43

RECORD NOTE of the meeting with Silk Experts
held in Deputy Director General (I)'s room on 14th June 1942

P R E S E N T.

Mr. C. Desai, I.C.S.	D.D.G.(I).
" J. A. Chapman, I.C.S.	J.F.A.(S).
" S. Bhoothalingam, I.C.S.	D.S.S.(I).
" V. Narayanan	D.F.A.(N).
" S. Ratnam	C.A.O.
" C. W. Tosh.	Director, TX.
" Ghosh.	Bengal.
" Peychaud	Madras.
" Y. T. Chou.	Kollegal, Madras

It was explained that the object of the meeting was to ascertain (a) how far the Supply Department will be able to supply H.M.G. with the quality of silk which H.M.G. had been led to expect on the basis of previous correspondence, and (b) what steps should be taken to ensure that the supply of silk in quantity and of quality was in conformity with our commitments. The correspondence indicated that we were under an obligation to supply as far as possible 'D' grade silk of 20 to 22 dernier, but some of the reports recently received from experts indicated that it might not be possible to reach this standard and this factor was at present causing the Department considerable anxiety.

2. Mr. Peychaud was of the view that the Madras and Mysore Silk now being produced was better than the Iranian silk which Kashmir was supplying in the earlier stages for manufacture of man-dropping parachutes and that as that silk had been accepted, there should be no danger of the unsuitability of the silk that will be supplied from the Madras and Mysore Filatures under the new expansion scheme. He had recently produced some silk which he thought would approximate to the 'B' grade standard and he was expecting test reports from Cawnpore.

3. Mr. Chou stated that H.M.G. had asked for silk equal to superior quality Japanese silk and capable of being put on power looms. In his opinion, this type of silk cannot be produced from multi-voltine cocoons. He, therefore, suggested that arrangements should be made to introduce the bi-voltine type by obtaining seed from China. Simultaneously, the reeling machinery should also be changed. Mr. Chou thought that with a different type of machinery it might be possible to produce a better grade of silk out of the multi-voltine cocoons, but of this he was not sure and would suggest that experiments might be conducted. He stressed the desirability of producing the best quality of silk if it was required for being used in manufacture of man-dropping parachutes.

Mr. Ghosh thought that the Indian silk, such though inferior in quality to Japanese or better silk, was nevertheless good enough for parachute, provided that sufficient care was taken of reeling and weaving. In his opinion whether from univoltine, bivoltine or multivoltine made no difference to the suitability of the silk

for

291

For purposes of parachute manufacture and both Mr. Peychaud and Mr. Chou concurred in this view. The Iranian silk which was woven at Kashmir and which was subsequently used for man-dropping parachute was actually 'G' grade although the silk came from univoltine cocoons. Apart from Kashmir, the cocoons in the rest of India were multivoltine though the cocoon now used is a cross between multivoltine and univoltine breeds and these cocoons yielded satisfactory silk. Moreover in Bengal he was designing his filatures so as to have double reeling of all silk and that went a long way towards producing silk acceptable for parachute manufacture. He was definitely of the view that the switch over from multivoltine to bivoltine cocoons, though desirable in the long run, and not impossible of achievement, could not be contemplated at present if results are to be obtained in time to be of use to war effort and in connection with H.M.G.'s silk expansion scheme. This was reinforced by Mr. Peychaud who referred to the failure of the Mysore efforts spread over a number of years, to introduce uni or bi voltine cocoons from China and Japan. Various factors were involved in this, such as, conservatism of cultivators, acclimatisation of the new breed, behaviour of the exotic breed in the new surroundings, difficulty of getting seed of the new breed in sufficiently large quantities from China under the existing communications etc. Introduction of the new breed was no easy matter and the Indian breeder could not be expected to take to the new type so readily or easily. Such a step was also unnecessary as silk woven from multivoltine cocoons could, if properly reeled, serve the purpose in view. The Indian cocoon ~~was~~ was good enough though the uni or bi voltine cocoon used in Japan and China for parachute cloth would be definitely better. Attention should however be paid to reeling; double reeling should be introduced as far as possible in the Kollegal-Mysore filatures; arrangements must be made to train silk-reeling labour and to provide skilled supervision at filatures.

ACTION:

- A
1. The Textile Dte. should obtain some lots of carefully reeled silk and a few pieces of woven cloth for being sent to U.K. for opinion whether the silk would be suitable for the purpose they had in view. Further action will depend upon the information received from London.
 - B
 2. The Textile Dte. to address Mysore and Madras regarding desirability of introducing double reeling and adapting machinery under construction to that end.

165-er
(C. C. Desai, I.C.S.)

Copy to :

Secretary, Department of Supply.
 Director General of Supply.
 Joint Financial Adviser (Supply).
 ✓ Secretary, Development Department, Govt. of Madras.
 Textiles Directorate, D.G.S., New Delhi.
 Manager, Silk Conditioning House, Calcutta (Mr. Ghosh).

if immediate

End No 8928²/43-12 d. 28.6.43 Des. Dept

Communicated to the D.I.E.

pp 37-38 in Confirmation of Govt Memo No 8928¹/43-9
 above d. 16.6.43

Var
 26.6.43 526013

28/6/43 *5* *28/6/43*

J. de Dille. *Des. Dept*
26/6/43

Copy to the Controller of
 Supplies, Madras.

42

GOVERNMENT OF MADRAS
Development Department.

PRESS NOTE NO. 152,

Dated, Madras, the 3rd August 1942.

The scheme for the supply of yarn to handloom weavers drawn up by the Government of India will be brought into force in this Province with effect from the 15th of August 1942. Under the scheme the entire process of distribution from the Mill, to the Consumer will be controlled through the machinery of licensed dealers and the sale of yarn by anybody other than a Mill or a licensed dealer will be strictly prohibited. With effect from 15th August 1942 no person other than a person acting on behalf of a cotton spinning Mill, shall sell, store for sale, or conduct any business in cotton yarn unless he has a license in the prescribed form issued by the Provincial Yarn Commissioner. No such license is necessary for a person selling, storing for sale, or carrying on business in cotton yarn spun by him or the members of his family.

Applications for license has to be made in the form prescribed (FORM A). For the convenience of merchants, applications forms have been printed and will be available at the offices of Deputy Tahsildars, Tahsildars and Collectors. If a printed form is not easily procurable, there is no object to sending the application in manuscript.

R.A.C.

C.P. KARUNAKARA MENON,
Secretary to Government.

C/B

Pl. dist
hmi. encl

6/19/46

21
18/6

Do No 8928 P/43-11 d 18643

Des. Dept

(my file -

Sub: Industries - Sericulture - Quality
of silk produced in Kollegal &
other allied matters - Chan's note.

I am to enclose, for
pp 3-8 of your information, a copy of a note of Mr.
Chan, regarding the quality of silk produced
in Kollegal in this province and other allied
matters and a copy of the ^{minutes of discussion} proceedings
of the Conference held in the Secretariat
on 5-6-43 for considering the points
raised in the note.

X pp 11-15 of
N. P. Rai Esq. ICS - 62(106) d 29.5.43 from the Govt of India
on the subject mentioned above is also enclosed;
C. S. 78-11-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227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C.F. 32 (a).

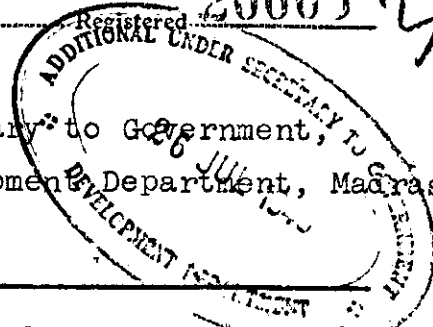
Industries & Commerce Department
From (Name) A. Khaleeli Esq., I.C.S.,
Designation Director of Industries
and Commerce,
Station Chempauk, Madras.

Received

To

The Secretary to Government,
Development Department, Madras.

20005



Enclosures

No. 1301-D/43 dated 23rd July 1943.

Sir,

Sub: Industries - Sericulture - Silk Filatures at
Kollegal - Quality of silk.

Ref: Government Memorandum No. 8928-DI/43-9 dated 16th
June 1943 and Government Endorsement No. 8928-DI/43-
12 dated 28th June, 1943.

The Deputy Director Textiles who was consulted in the matter has reported that he is satisfied with the results so far obtained from rewinding of silk. He has, however, suggested that the question of erecting re-reeling machinery be postponed till electricity is available at Kollegal when he will be able to satisfy himself whether the silk reeled during day cannot be re-reeled at night on the existing machinery. If it can be so re-reeled, there will be no need for going in for expensive re-reeling machinery.

Cheney Seriplane: I have addressed the Managing Director, Mysore Silk Filatures, T. Narasipur, in the matter as I understand that a Cheney Seriplane is available for sale

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Dev. Dept.

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 on pp 3-4 above

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No. SY/TX-62(197).

GOVERNMENT OF INDIA.

DEPARTMENT OF SUPPLY.

DIRECTORATE GENERAL OF SUPPLY.

TEXTILES DIRECTORATE.

New Delhi, the 27 June 1943.

To

The Secretary,
Development Department,
MADRAS.

SUB: Silk Spin.

I am directed to refer to the record note of the meeting held here with Silk Experts on the 14th June 1943 (forwarded separately) and to request you to consider whether it will be possible now to adapt the machinery under construction to have double reeling.

I am, etc.,

Abdul Hakim

(ABDUL HAKIM)

Asstt. Secretary to the Government of Mad

Enter No ✓ 15681 D₁/43, 1 d 1.7.43 Dessept

Communicated to the DZEC in

6/2/7

Continuation of Sub Ent No 8928 D/43.12 dated 146 of (v)

97-4029-6.43. for submitting a refer¹ also

He is ^{also} requested to report the

He is referred to
action taken on Govt memo No. 8928/43-9 dated 1/3/57-18
y (v)

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36 Satisfactory It has been suggested that
the question of erecting re-reeling machinery / part 1 of 2
in the ~~the~~ textile factories at Kollegal be
therefore postponed till electricity is
available when it may be possible to
try whether the silk reeled during the day
^{can} ~~could~~ not be re-reeled at night on
the existing machinery. Arrangements
for the installation of electricity in the factories at Kollegal
from ~~local supply of power obtained from~~ 24.11.1934
~~Sivasamudram in the Mysore State~~
are almost ~~complete~~. If silk can be
re-reeled by night, ~~as mentioned above,~~ ^{erecting} 1 store
there will be no need for ~~adapting~~ 13 m / 2 of

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connected
papers
available in
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34

ADDITIONAL UNDER SECRETARY TO GOVERNMENT
No. SX/44-62(106)
GOVERNMENT OF INDIA.
23 JUL 43
DEPARTMENT OF SUPPLY.
DIRECTOR GENERAL OF SUPPLY.
(TEXTILES DIRECTORATE),
New Delhi, the 23 July, 1943
90/316/43
1568101

To

The Secretary,
Development Department, Government of Madras,
Madras.

Subject:- Production of Silk in India.

Sir,

I am directed to refer to your letter No.8928-DI/43-8, dated the 12th June, 1943, and to say that the Government of India are in complete agreement with the conclusions reached by the Madras Govt., vide in this connection record note of the meeting held with Silk Experts in Deputy Director General (Tentage)'s room, Department of Supply, New Delhi, on the 14th June, 1943, a copy of which has already been endorsed to you.

Des. Dept

I am, etc.,

for perusal. May be added to

connected papers.

for perusal.

1000
297432/43
C67/43
R1GDS/20-7-

29/7/43

(M.R.Bhide).
Deputy Secretary to the Government of India.

Recd 31742
for delayed work
31/7/43
A2

14/3/43

-2-

M/ as I have received details of the equipment required from the Sericultural Expert, Kollegal.

By letter 27/9/43

MVS/27-9. for Director of Industries & Commerce.

Dec. Dept

To Adm. n.s.

before definite acc: as re M on 11/13/43
By letter

As it is likely that some time will ~~be taken~~ ^{elapse} in the matter, ~~in view~~
it is for ~~information~~ ^{can} of ~~Adm. n.s.~~ this may be closed with a C.B. entry against 1.12.43

yes

Mr
30/9/43 ^{sr} 30/9/43
Chri
30/

C.B. no. 404 27/3.10.43
Mr
3.10.43

20/9/43. S. may see *S.* 2/10/43

No.1301-D/43

Office of the Director of Industries and
Commerce/ dated 25th September 1943.

Madras

From A. Khaleeli, Esq., I.C.S., to the Secretary Government,
Director of Industries and Commerce, Madras. Development Department.

Sir,

Sub:- Industries - Sericulture of silk in
India - Cheney Seriplane.

Ref:- Government Memorandum No.15681-DI/43-3, dated
23rd August 1943.

The Managing Agents, The Mysore Silk Filatures, Ltd.,
have intimated that the Seriplane with them is not for
sale. Arrangements have therefore to be made to import
one from the United States of America. The Controller of
Supplies, Madras, will be addressed in the matter, as soon

SP 23 6
25/8
pp 3-4 of

Q 2576
Memo No 15681 D/43-3 d 23843

Dev Dept 11
57

Sub Industries - Sericulture - ~~the~~ products of silk
~~in~~ India -
Ref ~~from~~ from the DICE No 1301 D/43 f
23.7.43. y

The DICE is requested to
State when his further report regarding the
purchase of a Cheney Seriplane may be
expected

20/8/43
23843

20/8/43

DICE

43/1020
43/1020
43/1020
43/1020

1000

SP
 23
 25/8
 pp 3-4 of

Memo No 15681 D1/43-3 & 23843

Dev. Dept. 11
 57

Sub Industries - Sericulture - ~~from~~ products of silk
~~in~~ India -
 Ref ~~from~~ from the D.I.E. No 1301 D/43
 23.7.43.

A m p o y. State when his further report regarding the
 purchase of a Cheney Seriplane may be
 expected

23/8/43

D.I.E. 23843
 23/8/43
 I the D.I.E.

K 7.9.43/1020
 R R 23843/1520
 N R 37943/1512
 15.10.43 D.D.

58
GOVERNMENT OF MADRAS
Development Department.

PRESS NOTE NO. 152,

Dated, M a d r a s, the 3rd August 1942.

The scheme for the supply of yarn to handloom weavers drawn up by the Government of India will be brought into force in this Province with effect from the 15th of August 1942. Under the scheme the entire process of distribution from the Mill to the Consumer will be controlled through the machinery of licensed dealers and the sale of yarn by anybody other than a Mill or a licensed dealer will be strictly prohibited. With effect from 15th August 1942 no person other than a person acting on behalf of a cotton spinning Mill, shall sell, store for sale, or conduct any business in cotton yarn unless he has a license in the prescribed form issued by the Provincial Yarn Commissioner. No such license is necessary for a person selling, storing for sale, or carrying on business in cotton yarn spun by him or the members of his family.

Applications for license has to be made in the form prescribed (FORM A). For the convenience of merchants, applications forms have been printed and will be available at the offices of Deputy Tahsildars, Tahsildars and Collectors. If a printed form is not easily procurable, there is no objection to sending the application in manuscript.

R.A.C.

C.P. KARUNAKARA MENON,
Secretary to Government.

NOTES

His. Seriadur - Sila Kilam at
Kollal. Rual. a Sila Chai's note
From the 2nd Dec 1943 d 27.4.43
From 1st of Aug. Telegram No 84 19.02.43
5.43.

To Addl. U.S

27

Please see the telegram from the
Dep. of Supply put up at pp 11-15 cf.

2. Mr. Chan's report dated 24th
April 1943 mentioned in the telegram is at
pp 3-8 cf. In his note Mr. Chan had stated
that the production of D' grade quality Sila
suitable for parachutes required by H.M. Govt.
would be impracticable with the cocoons
from mulivolkini variety available in Kollal.

He had also recommended in that connection
(a) installation of new machinery for
the 1st Sila Kilam Factory at Kollal
and (b) introduction of one or two crops in a
year of bivolkini species of worms
from China

It was decided that the proposals of Mr. Chan
should be discussed with him by A2 during
a visit to Kollal

3. A copy of Mr. Chan's note would
appear to have been sent by him direct to
the Govt of India. The Govt of India have
suggested that the matter may be discussed at

New Delhi with Mr. Ghosh, Special Silk officer with
the Govt of India and that Mr. Chan and a representative
of the Govt of Madras be deputed for the purpose on a
date suitable to this Govt.

Govt of India seem to be perturbed at
Chan's suggestion regarding the quality of silk producible
in this province. Reference is invited to the telegram
from London & from the Govt of India to H.M.G. at
pp 3 & 5 of of S.O. No 378-M Dated 3.10.42. The
agreement between the Govt of Madras and Govt of India
regarding the working of the Govt Silk Reeling at
Kollegal refers only to Green Cocoons superior
quality and was based on the presumption that 'D'
grade silk could be produced from such green
Cocoons. Mr. Chan also is of the view that
after adopting the recommendations put forth
by him it may be possible to produce
20% of 'D' grade silk from mulberry
green Cocoons. The matter seems to be
too technical for decision, with the opinion of
Chan alone. For orders

(a) Whether Mr. Chan and a representative
of this Govt will be deputed to New Delhi
for discussion and if so, whether the D.I.B.
will be asked to represent this Govt in the
absence of a Sericultural Expert.

(b) What date will be considered suitable
for the Conference. or

852801

(C) Whether the Disc will be completed before a
reply is sent as above. Subject to orders, a
draft order is submitted, sup 15 cf.
31.543 31543

Chou's recommendations are at ps. 5/6 of
and the telegram of the f. d. at ps. 11 & 15 of A2
may see there.

It is not clear how Chou's communication to the
Foreign Office India. He may find Chou's Disc &
New Delhi in the meantime A2 may like to discuss the
Scheme with Mr Chou. If it is not possible to find it
in London & so to Khyber, Chou will be
asked to come to India & Madras.

Call conference for 4th 11-30
Mr. Pai, Mr. Chou, Mr. P. S. Chaudhary
& Mr. Gouda Rao of Mysore (if possible)

To Add us.

A draft D.O. to the D28e is submitted
for approval

1.643 H 17-18430000 as D.O. No 8928 2/43-2 at 1.643 10.3200.
19cf. Issues as Tel to Resident, Mysore 10.3200 2/43.
21cf. Issues as do No 8928 2/43-2 at 1.643 10.3200 2/43.
22cf. Issues as do No 8928 2/43 10.3200 2/43.

[From the D28e D.O. No. 8928 2/43-2 at 1.643 10.3200]

To Addl. U.S.

Submitted for the Conference on 5.6.43 at 11.30 AM. re production of film for war purposes.

The DZC has not sent the note on foreign varieties of film stocks, called for in the D.O. issued on 1-6-43 at the 17-18. Cf. He may kindly be reminded over the phone

4.6.43 4643

Khaluli says that he will send his note of his file containing previous reports in the subject by 4 p.m. today

4/6/43. Ad.S.

4/6/43

Draft minute of the discussion & draft letter to India are for approval.

6/6/43

India may be apprised of our views before the Conference on the 14th.

Done. 12/6/43

[Forwarded as letter No 8928 D/43-8 d 2.6.43 to India]

To Addl U.S.

1 p 27 of 26 of 4/6/43

In the reference to the conclusions reached at the Conference held on 5.6.43 regarding the chair's note on production of 'D' grade film in this premise a draft memo to the DZC is submitted for approval.

A representative of the Mysore Govt attended the discussions at the request of this Govt and he had asked for a copy of the proceedings of the Conference. It is for consideration whether a copy

5

[may not be sent direct to the Mysore Pub. Subject to
order, a draft letter to Mysore is submitted for approval
Two drafts below my name

Var
16.643

15/6/43 Ad.S.

(Mr. Pai) A Gpy Rmtd letter to the Controller of Supplies

S. 16/6/43

[Issued as Memo No 8928 D/43-9 d 16.6.43 to D.D.]
[Issued as Memo No 8928 D/43-10 d 16.6.43 to Chief Secy Mysore]

To Addl U.S.

X above A draft D.O. to the Controller of Supplies, is submitted for approval.

Var
16.643

17/6/43 Ad.S. S. 17/6/43

[Issued as D.O No 8928 D/43-11. d 18.6.43 to Controller of Supplies]

cf [From the Govt of India send out, read note on discussion]

To Addl U.S.

A on p 45 of No action is called for now on the part of this Pub

B on p 45 of Reference is invited to para 4 of the letter to India at pp 33-34 cf. and to the memo sent to the D.D. at pp 37-38 cf.

cf. A copy of the notes of discussion at New Delhi may be communicated to the D.D. subject to orders, a draft sent at p. 46 cf. is submitted for approval. Further action, if any, may be

cf. taken ^{separately} receipt of communication proposed by India. For orders wherein this paper may be recorded after issue of this order.

Var
16.643

with regard to B on p. 45 we may ask

6

the D. to examine the post-shipment certificate -
maintain for a letter for India a new file
may be started for them
This file may be closed

28/6/43

S

28/6/43

G.O. No 13.6 Dec 30643

Industries - Sericulture -
Silk Reelers at Kollegal - Mr.
Chen's note on the quality of silk
and other allied matters - Correspondence
with Govt of India - Papers recorded.